

Europe Closed Loop Geothermal Heat Pump Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032

<https://marketpublishers.com/r/E784D08841E0EN.html>

Date: September 2024

Pages: 100

Price: US\$ 4,365.00 (Single User License)

ID: E784D08841E0EN

Abstracts

Europe Closed Loop Geothermal Heat Pump Market was valued at USD 800 million in 2023 and is expected to grow at a CAGR of 5.1% through 2032. This growth is primarily driven by increasing energy efficiency standards and supportive government incentives that promote heat pump adoption. With the European Union prioritizing higher energy efficiency in residential and commercial buildings, closed-loop geothermal heat pumps have emerged as a sustainable solution. These systems provide consistent energy savings and adhere to strict environmental regulations, making them highly sought after for new constructions and retrofitting projects. Geothermal heat pumps, also known as ground source heat pumps, facilitate the transfer of heat between buildings and the ground for heating and cooling purposes.

The industry is expanding due to rising energy security concerns, innovative product launches, growing environmental consciousness, and advancements in the bioeconomy. New technologies in the field have significantly improved the efficiency and performance of geothermal systems. The market can be categorized by type into horizontal and vertical configurations. The vertical closed-loop geothermal heat pump industry is projected to exceed USD 0.9 billion by 2032. These vertical systems are gaining traction due to their space-saving design and suitability for regions with limited land availability, thereby driving their increased adoption.

Furthermore, ongoing technological advancements and an increasing emphasis on carbon footprint reduction are stimulating market growth. When examining applications, the market is divided into commercial and residential sectors. The residential segment is anticipated to grow at a rate exceeding 5.5% by 2032. This is largely due to the rising demand for upgrading and renovating traditional heating and cooling systems, particularly in commercial applications. The integration of geothermal heat pumps with existing HVAC systems in various types of buildings is enhancing their popularity.

Focusing on geographical trends, the closed-loop geothermal heat pump market in Germany is set to surpass USD 0.3 billion by 2032. The increasing need for eco-friendly and sustainable heating solutions is reshaping the industry landscape. This shift away from fossil fuel-based heating options reflects a growing preference for environmentally responsible alternatives. Recent regulatory changes in the country aim to accelerate the expansion of geothermal plants, streamlining the approval process for large heat pumps and storage facilities. These supportive regulations, along with initiatives encouraging the development of net-zero emission buildings, are likely to boost the widespread adoption of geothermal heat pumps throughout Germany and beyond.

Contents

Report Content

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculation
- 1.4 Data sources
 - 1.4.1 Primary
 - 1.4.2 Secondary
 - 1.4.2.1 Paid
 - 1.4.2.2 Public

CHAPTER 2 INDUSTRY INSIGHTS

- 2.1 Industry ecosystem analysis
- 2.2 Regulatory landscape
- 2.3 Industry impact forces
 - 2.3.1 Growth drivers
 - 2.3.2 Industry pitfalls & challenges
- 2.4 Growth potential analysis
- 2.5 Porter's Analysis
- 2.6 PESTEL Analysis

CHAPTER 3 COMPETITIVE LANDSCAPE, 2024

- 3.1 Introduction
- 3.2 Strategic outlook
- 3.3 Innovation & sustainability landscape

CHAPTER 4 MARKET SIZE AND FORECAST, BY TYPE, 2021 – 2032 ('000 UNITS & USD BILLION)

- 4.1 Key trends
- 4.2 Vertical
- 4.3 Horizontal

CHAPTER 5 MARKET SIZE AND FORECAST, BY APPLICATION, 2021 – 2032 ('000 UNITS & USD BILLION)

- 5.1 Key trends
- 5.2 Residential
- 5.3 Commercial
 - 5.3.1 Educational institutes
 - 5.3.2 Healthcare
 - 5.3.3 Retail
 - 5.3.4 Logistics & Transportation
 - 5.3.5 Offices
 - 5.3.6 Hospitality

CHAPTER 6 MARKET SIZE AND FORECAST, BY COUNTRY, 2021 – 2032 ('000 UNITS & USD BILLION)

- 6.1 Key trends
- 6.2 Austria
- 6.3 Norway
- 6.4 Denmark
- 6.5 Finland
- 6.6 Germany
- 6.7 France

CHAPTER 7 COMPANY PROFILES

- 7.1 Bard
- 7.2 Carrier
- 7.3 Daikin
- 7.4 De Dietrich
- 7.5 Ecoforest
- 7.6 Kensa Heat Pump
- 7.7 Mitsubishi Electric
- 7.8 Modine
- 7.9 NIBE
- 7.10 Ochsner
- 7.11 Oilon
- 7.12 Trane
- 7.13 Thermia Heat Pumps

7.14 Viessmann

I would like to order

Product name: Europe Closed Loop Geothermal Heat Pump Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032

Product link: <https://marketpublishers.com/r/E784D08841E0EN.html>

Price: US\$ 4,365.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E784D08841E0EN.html>